

Recombinant Human CTLA4 Protein, Fc/His-tagged, FITC conjugated

Cat. No. CTLA4-2233HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview FITC conjugated recombinant human CTLA4 (NP_005205.2) extracellular domain (Met 1-Phe 162), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 374

Form Lyophilized

Molecular Mass The recombinant human CTLA4/Fc is a disulfide-linked homodimer. The reduced monomer consists of 374 amino acids and has a predicted molecular mass of 41.6 kDa. As a result of glycosylation, the apparent molecular mass of rh CTLA4/Fc monomer is approximately 50-55 kDa in SDS-PAGE under reducing conditions.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic
 Disulfide-linked homodimer
 Labeled with FITC via amines
 Excitation source: 488 nm spectral line, argon-ion laser
 Excitation Wavelength: 488 nm
 Emission Wavelength: 535 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	CTLA4 cytotoxic T-lymphocyte-associated protein 4 [Homo sapiens]
Official Symbol	CTLA4
Gene ID	1493
mRNA Refseq	NM_001037631
Protein Refseq	NP_001032720
UniProt ID	P16410

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